

Monoclonal Antibody to Mast Cell Chymase - Purified

Catalog No.:	DM3130
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Background:	Mast cells contain a number of preformed chemical mediators such as histamine, chymase, carboxypeptidase and proteolytic tryptase. Human mast cell chymase is considered to be an important marker of mast cells, as well as, an important mediator of inflammation.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	CC1
Immunogen:	Purified Human Skin Chymase Epitope not determined
Format:	State: Liquid Ig fraction Purification: Protein G affinity chromatography Buffer System: 10mM PBS, pH 7.4, containing 0.2% BSA and 0.09% sodium azide
Applications:	Western Blotting: Ab 1-2 ug/ml for 2 hrs at RT. Immunohistology (Formalin/paraffin): Use Ab at 0.06-0.12 ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min. Recommended positive control: Tonsil. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Mast Cell Chymase Cellular localization: cytoplasmic Species: Human. Other species not tested.
Storage:	Store the antibody at 2-8°C for up to one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Buckley, M.G. et al. (1999). J. Pathol. 189: 138-143.